

File 348:EUROPEAN PATENTS 1978-2002/Aug W03

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File 349:PCT FULLTEXT 1983-2002/UB=20020822,UT=20020815

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Set	Items	Description
S1	407	AU='TSUKADA'
S2	181488	(DATA OR INFORMATION) (5N) (TRANSMIT? OR TRANSMIS? OR SEND? - OR SENT OR TRANSFER? OR EXCHANG? OR RECEIPT? OR RECEIV?)
S3	700058	(DISPLAY? OR VIEW?)
S4	23	S1 AND (S2 AND S3)
S5	202	S1 AND (S2 OR S3)
S6	179	S5 NOT S4
S7	24	S6/TI,AB,CM
S8	9987	CO='CANON KABUSHIKI KAISHA':CO='CANON KK'
S9	3695	S8 AND (S2 AND S3)
S10	793735	(TIME OR TIMER?)
S11	3495	S9 AND S10
S12	2306	S11/TI,AB,CM
S13	2305	S12 NOT (S4 OR S7)
S14	2739	IC='G06F-015/16'
S15	2	S13 AND S14
?		

**DIALOG**  
**Full Text Patent Files**

4/5/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01386241

**Detector of liquid consumption condition**

**Flussigkeitsverbrauchdetektor**

**Detecteur de consommation du liquide**

**PATENT ASSIGNEE:**

SEIKO EPSON CORPORATION, (730003), 4-1, Nishishinjuku 2-chome,  
Shinjuku-ku Tokyo, (JP), (Applicant designated States: all)

**INVENTOR:**

**\*\*Tsukada\*\***, Kenji, Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi,  
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**LEGAL REPRESENTATIVE:**

HOFFMANN - EITLE (101511), Patent- und Rechtsanwälte Arabellastrasse 4,  
81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1176403 A2 020130 (Basic)

APPLICATION (CC, No, Date): EP 2001117726 010727;

PRIORITY (CC, No, Date): JP 2000229435 000728; JP 2000354802 001121

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G01F-023/296

**ABSTRACT EP 1176403 A2**

A detector of liquid consumption condition includes a vibrating part that can vibrate relatively to a containing space that can be filled and refilled with a liquid. At least a portion of the vibrating part is exposed to the containing space. A piezoelectric device can cause the vibrating part to vibrate based on a driving signal and can generate a counter electromotive force signal by a vibration of the vibrating part. A liquid consumption condition detecting part can detect a liquid consumption condition, based on the counter electromotive force signal from the piezoelectric device. The containing space can contain only a predetermined volume of the liquid. The vibrating part is provided in a vicinity of a liquid surface in the containing space when the containing space contains the predetermined volume of the liquid.

ABSTRACT WORD COUNT: 134

**NOTE:**

Figure number on first page: 5

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 020130 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200205	2179
SPEC A	(English)	200205	32006
Total word count - document A			34185
Total word count - document B			0
Total word count - documents A + B			34185

4/5/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

01383289

**Ink-jet recording head**

**Tintenstrahlauzeichnungskopf**

**Tete d'enregistrement a jet d'encre**

**PATENT ASSIGNEE:**

SEIKO EPSON CORPORATION, (730008), 4-1, Nishi-Shinjuku 2-chome,  
Shinjuku-ku, Tokyo, (JP), (Applicant designated States: all)

**INVENTOR:**

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Sakurai, Hidetaka, c/o Seiko Epson Corporation, 3-5, Owa 3-chome,  
Suwa-shi, Nagano, (JP)

LEGAL REPRESENTATIVE:

Schorr, Frank, Dr. et al (94611), Diehl Glaeser Hiltl & Partner,  
Augustenstrasse 46, 80333 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1174266 A2 020123 (Basic)  
EP 1174266 A3 020313

APPLICATION (CC, No, Date): EP 2001125785 970129;

PRIORITY (CC, No, Date): JP 9634337 960129; JP 9635250 960222; JP 96180107  
960620; JP 96297838 961021

DESIGNATED STATES: DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 788882 (EP 97101358)

INTERNATIONAL PATENT CLASS: B41J-002/165

ABSTRACT EP 1174266 A2

An ink-jet recording apparatus having an ink-jet recording head (7, 8) including pressure generating chambers (49) communicatively connected to a nozzle opening (52) and a reservoir (50), pressure generating means (42) for pressurising the pressure generating chambers (49), and control means for applying drive signals corresponding to print data to the recording head and for minutely vibrating menisci of ink in the nozzle openings to such an extent as to not eject ink droplets during a nonprint period. The control means ejects ink droplets from the nozzle openings in accordance with print data during printing operations, and minutely vibrates menisci of ink formed at the nozzle openings a pre-set period of time before or after the discharging of the ink droplets in a printing operation. Minutely vibrating means (23, 42, 68) are provided having a first operation mode in which the menisci of the nozzle openings are vibrated plural times in succession for a predetermined time period, and a drive signal for discharging ink droplets is applied to said pressure generating means after said menisci are placed in a state capable of discharging ink droplets.

ABSTRACT WORD COUNT: 186

NOTE:

Figure number on first page: 9

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020123 A2 Published application without search report  
Examination: 020123 A2 Date of request for examination: 20011029  
Change: 020313 A2 International Patent Classification changed:  
20020118

Search Report: 020313 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200204	1234
SPEC A	(English)	200204	11659
Total word count - document A			12893
Total word count - document B			0
Total word count - documents A + B			12893

01383288

**Ink-jet recording head**

**Tintenstrahlaufzeichnungskopf**

**Tete d'enregistrement a jet d'encre**

**PATENT ASSIGNEE:**

SEIKO EPSON CORPORATION, (730008), 4-1, Nishi-Shinjuku 2-chome,  
Shinjuku-ku, Tokyo, (JP), (Applicant designated States: all)

**INVENTOR:**

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Suwa-shi, Nagano, (JP)  
\*\*Tsukada\*\*, Kenji, c/o Seiko Epson Corporation, 3-5, Owa 3-chome,  
Suwa-shi, Nagano, (JP)  
Koike, Yoshiyuki, c/o Seiko Epson Corporation, 3-5, Owa 3-chome,  
Suwa-shi, Nagano, (JP)  
Seino, Takeo, c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi,  
Nagano, (JP)  
Ouki, Yasuhiro, c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi,  
Nagano, (JP)  
Kosugi, Yasuhiko, c/o Seiko Epson Corporation, 3-5, Owa 3-chome,  
Suwa-shi, Nagano, (JP)  
Saruta, Toshihisa, c/o Seiko Epson Corporation, 3-5, Owa 3-chome,  
Suwa-shi, Nagano, (JP)  
Sakurai, Hidetaka, c/o Seiko Epson Corporation, 3-5, Owa 3-chome,  
Suwa-shi, Nagano, (JP)

**LEGAL REPRESENTATIVE:**

Schorr, Frank, Dr. et al (94611), Diehl Glaeser Hiltl & Partner,  
Augustenstrasse 46, 80333 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1174265 A2 020123 (Basic)  
EP 1174265 A3 020313

APPLICATION (CC, No, Date): EP 2001125784 970129;

PRIORITY (CC, No, Date): JP 9634337 960129; JP 9635250 960222; JP 96180107  
960620; JP 96297838 961021

DESIGNATED STATES: DE; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 788882 (EP 97101358)

INTERNATIONAL PATENT CLASS: B41J-002/14

**ABSTRACT EP 1174265 A2**

An ink-jet recording apparatus having an ink-jet recording head (7, 8) including pressure generating chambers (49) communicatively connected to a nozzle opening (52) and a reservoir (50), pressure generating means (42) for pressurising the pressure generating chambers (49), and control means for applying drive signals corresponding to print data to the recording head and for minutely vibrating menisci of ink in the nozzle openings to such an extent as to not eject ink droplets during a nonprint period. The control means ejects ink droplets from the nozzle openings in accordance with print data during printing operations, and minutely vibrates menisci of ink formed at the nozzle openings a pre-set period of time before or after the discharging of the ink droplets in a printing operation. Minutely vibrating means (23, 42, 69) are provided which vibrates the meniscus present at the nozzle opening in succession for a preset period T2 at every period T1 interval when the ink jet recording apparatus is in a non-print operation.

ABSTRACT WORD COUNT: 166

**NOTE:**

Figure number on first page: 16

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 020123 A2 Published application without search report

Examination: 020123 A2 Date of request for examination: 20011029

Change: 020313 A2 International Patent Classification changed:  
20020118

Search Report: 020313 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200204	489
SPEC A	(English)	200204	11651
Total word count - document A			12140
Total word count - document B			0
Total word count - documents A + B			12140

4/5/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01352572

**Optical disc and optical disc apparatus**

**Optische Platte und optisches Plattengerat**

**Disque optique et appareil de disque optique**

PATENT ASSIGNEE:

SONY CORPORATION, (214024), 7-35, Kitashinagawa 6-chome Shinagawa-ku,  
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

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Shinagawa-ku, Tokyo, (JP)

Shishido, Yukio, c/o Sony Corporation, 7-35 Kitashinagawa 6-chome,  
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**\*\*Tsukada\*\***, Futoshi, c/o Sony Corporation, 7-35 Kitashinagawa 6-chome,  
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Miyake, Kunihiko, c/o Sony Corporation, 7-35 Kitashinagawa 6-chome,  
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LEGAL REPRESENTATIVE:

Nicholls, Michael John (61943), J.A. KEMP & CO. 14, South Square Gray's  
Inn, London WC1R 5LX, (GB)

PATENT (CC, No, Kind, Date): EP 1154415 A2 011114 (Basic)

APPLICATION (CC, No, Date): EP 2001304194 010510;

PRIORITY (CC, No, Date): JP 2000140949 000512; JP 2001132156 010427

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G11B-007/007

ABSTRACT EP 1154415 A2

Physical addresses of the recording areas provided on an optical disc are represented in the first format that is time-axis data (wobbling groove) and the second format that is binary data (block header). The physical address value gradually increases from the inner most part toward the outermost part of this disc, while the first format and the second format remains in one-to-one correspondence over the entire recording areas. The distance the optical head must move to reach the target recording area can therefore be calculated easily, no matter where on the disc the optical head is located at present. This enables the optical head to make a fast access to the target recording area.

ABSTRACT WORD COUNT: 115

NOTE:

Figure number on first page: 16

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 011114 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200146	1968
SPEC A	(English)	200146	10224
Total word count - document A			12192
Total word count - document B			0
Total word count - documents A + B			12192

4/5/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01325975

**Electronic book system and its contents \*\*display\*\* method**  
**System und Inhaltsanzeigeverfahren fur ein elektronisches Buch**  
**Systeme et methode d'affichage de contenu d'un livre electronique**

PATENT ASSIGNEE:

Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-8010, (JP), (Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

Beetz & Partner Patentanwalte (100712), Steinsdorfstrasse 10, 80538  
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PATENT (CC, No, Kind, Date): EP 1132829 A2 010912 (Basic)  
EP 1132829 A3 020821

APPLICATION (CC, No, Date): EP 2001100050 010109;

PRIORITY (CC, No, Date): JP 20003721 000112

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-015/02

ABSTRACT EP 1132829 A2

The invention relates to an electronic book system (a contents  
\*\*display\*\* method) that functionally or efficiently \*\*displays\*\*  
information related to reading or advertisement in a small \*\*display\*\*  
area on a \*\*display\*\* of a portable reading terminal, the portable  
reading terminal receives digitized book contents and digitized related  
information proper to the contents via the Internet and the related  
information is \*\*displayed\*\* together with the book contents on the  
portable reading terminal by operating a button of the portable reading  
terminal or operator guidance on the \*\*display\*\* screen. The electronic  
book system is composed of a provider 1 provided with a book contents  
server 2 that stores digitized book contents and the related information,  
a bookshelf server 3 that temporarily deposits a book from a user and a  
management server 4 that manages the personal information of users and  
the portable reading terminal 6 provided with CPU, a screen \*\*display\*\*  
and a nonvolatile storage including a book contents storage, a reading  
situation manager and a \*\*viewer\*\*.

ABSTRACT WORD COUNT: 166

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010912 A2 Published application without search report  
Search Report: 020821 A3 Separate publication of the search report  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200137	660
SPEC A	(English)	200137	11408
Total word count - document A			12068
Total word count - document B			0
Total word count - documents A + B			12068

4/5/6 (Item 6 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01110758

Portable computer having dedicated register group and peripheral controller  
bus between system bus and peripheral controller  
Tragbarer Rechner mit zugeordneter Registergruppe und Peripheriesteuerbus  
zwischen Systembus und Peripheriesteuerung  
Ordinateur portable ayant un groupe de registres dedicaces et un bus par  
contrôleur peripherique entre le bus systeme et le controleur  
peripherique

PATENT ASSIGNEE:

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States: all)  
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Oda, Hiroyuki, c/o Toshiba Kabushiki Kaisha, Intell. Prop. Div., 1-1  
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LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel (100401), Mohlstrasse 37, 81675 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 973087 A2 000119 (Basic)  
EP 973087 A3 000802

APPLICATION (CC, No, Date): EP 99116638 930817;

PRIORITY (CC, No, Date): JP 92248327 920917; JP 92248328 920917; JP  
92248356 920917; JP 92250165 920918; JP 92255000 920924; JP 92255001  
920924; JP 92255004 920924; JP 92272479 920917

DESIGNATED STATES: DE; FR; GB

RELATED PARENT NUMBER(S) - PN (AN):

EP 588084 (EP 93113168)

INTERNATIONAL PATENT CLASS: G06F-001/26; G06F-013/24; G06F-001/30

ABSTRACT EP 973087 A2

There is provided a computer system having a system bus (11), a  
processor (21) coupled to the system bus and a power supply controller  
(46). The system further comprises a function expansion bus (14) coupled  
to the power supply controller, the power supply controller  
\*\*transferring\*\* \*\*data\*\* through the function expansion bus, and a  
further controller (26) coupled to the processor (21) through the system  
bus and to the power supply controller (46) through the function  
expansion bus (14), for \*\*receiving\*\* the \*\*data\*\* \*\*transferred\*\* from  
the power supply controller and issuing an interrupt signal to the  
processor (21).

ABSTRACT WORD COUNT: 98

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000510 A2 International Patent Classification changed:  
20000321  
Application: 20000119 A2 Published application without search report  
Examination: 011017 A2 Date of dispatch of the first examination  
report: 20010903  
Search Report: 000802 A3 Separate publication of the search report  
Examination: 20000119 A2 Date of request for examination: 19990922  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS A (English) 200003 2013  
SPEC A (English) 200003 37903  
Total word count - document A 39916  
Total word count - document B 0  
Total word count - documents A + B 39916

4/5/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01076695

**Noise-rejecting speech recognition system and method**

**Gerauschabweisendes Spracherkennungssystem und -verfahren**

**Systeme et procede de reconnaissance de la parole avec rejection de bruit**

PATENT ASSIGNEE:

NEC CORPORATION, (236690), 7-1, Shiba 5-chome, Minato-ku, Tokyo, (JP),  
(Applicant designated States: all)

INVENTOR:

\*\*Tsukada\*\*, Satoshi, NEC Corporation, 7-1, Shiba 5-chome, Minato-ku,  
Tokyo, (JP)

Tomooka, Yasuo, c/o NEC Robotics Engineering, Ltd., 1-25,

Shin-urashimacho 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa, (JP)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 947980 A1 991006 (Basic)

APPLICATION (CC, No, Date): EP 99106687 990401;

PRIORITY (CC, No, Date): JP 9890340 980402

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G10L-005/06

ABSTRACT EP 947980 A1

A speech inputting section (4) inputs a speech of voice of a person utilizing a speed recognition system or of noise generated at the nearby area and outputs a speech signal. A word dictionary section (1) comprises a speech word storage section (2) for storing speech word data and a noise word storage section (3) for storing noise word data and outputs dictionary data. A standard pattern storage section (7) outputs standard pattern data. A speech recognizing section (6) implements a recognition process of the input speech signal by the dictionary data from the word dictionary section and the standard pattern \*\*data\*\* and outputs speech recognition \*\*data\*\*. \*\*Receiving\*\* the speech recognition \*\*data\*\*, a speech recognition outputting section (5) outputs a speech recognition result.

ABSTRACT WORD COUNT: 124

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 020116 A1 Date of dispatch of the first examination  
report: 20011130

Application: 991006 A1 Published application with search report

Examination: 991006 A1 Date of request for examination: 19990722

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count  
CLAIMS A (English) 9940 715



SPEC A (English) 9940 2202  
Total word count - document A 2917  
Total word count - document B 0  
Total word count - documents A + B 2917

4/5/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00975650

**PRINTED WIRING BOARD AND METHOD OF MANUFACTURING THE SAME**  
**GEDRUCKTE LEITERPLATTE UND VERFAHREN ZU DEREN HERSTELLUNG**  
**PLAQUETTE DE CIRCUIT IMPRIME ET SON PROCEDE DE FABRICATION**  
PATENT ASSIGNEE:

IBIDEN CO., LTD., (473322), 1, Kanda-cho 2-chome, Ogaki-shi Gifu-ken 503,  
(JP), (Applicant designated States: all)

INVENTOR:

TAKADA, Masaru, Ividen Co., Ltd., 200, Gama-cho 3-chome, Ogaki-shi,  
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KONDO, Mitsuhiro, Ividen Co., Ltd., 200, Gama-cho 3-chome, Ogaki-shi,  
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LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100314), Siebertstrasse 4, 81675 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 966185 A1 991222 (Basic)  
WO 9831204 980716  
APPLICATION (CC, No, Date): EP 98900044 980105; WO 98JP7 980105  
PRIORITY (CC, No, Date): JP 9762131 970228; JP 9765509 970303; JP 97361961  
971209  
DESIGNATED STATES: DE; FR; GB  
INTERNATIONAL PATENT CLASS: H05K-003/00; H05K-003/34; H05K-003/24;  
H05K-003/28; H05K-001/11  
CITED PATENTS (WO A): JP 9130038 A ; JP 7007264 A ; JP 8279678 A ; JP  
2265294 A

ABSTRACT EP 966185 A1

A solder resist comprising a thermosetting resin is printed on a surface of an insulating board (7) having a conductor circuit (6). The solder resist is then heat-cured to form an insulating film (1) having a low thermal expansion coefficient. A laser beam (2) is then applied to the portion of the insulating film in which an opening is to be formed, to burn off the same portion for forming an opening (10), whereby the conductor circuit (6) is exposed. This opening may be formed as a hole for conduction by forming a metal plating film on an inner surface thereof. It is preferable that an external connecting pad be formed so as to cover the opening. The film of coating of a metal is formed by using an electric plating lead, which is preferably cut off by a laser beam after the electric plating has finished.

ABSTRACT WORD COUNT: 148

NOTE:

Figure number on first page: 2

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 981216 A1 International application (Art. 158(1))  
Application: 991222 A1 Published application with search report  
Examination: 991222 A1 Date of request for examination: 19990804  
LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS A (English) 199951 1522

SPEC A (English) 199951 10816  
Total word count - document A 12338  
Total word count - document B 0  
Total word count - documents A + B 12338

4/5/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00916833

PORTABLE TELEPHONE SYSTEM

TRAGBARES FERNSPRECHSYSTEM

SYSTEME DE TELEPHONE PORTATIF

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208580), 2-3, Marunouchi 2-chome  
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INVENTOR:

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ONOOKA, Yasushi, Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi  
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YAMAMOTO, Kazuhiro, Mitsubishi Denki K. K., 2-3, Marunouchi 2-chome,  
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YAMANAKA, Shunji, Ebisu Viewtower 2709, 4-4, Mita 1-chome, Meguro-ku,  
Tokyo 153, (JP)  
MITANI, Yuji, Shioda-Sou 5, 772, Futako, Takatsu-ku, Kawasaki-shi,  
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LEGAL REPRESENTATIVE:

Reitzle, Helmut, Dr. (61852), Patentanwalte Pfenning, Meinig & Partner  
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PATENT (CC, No, Kind, Date): EP 901269 A1 990310 (Basic)  
WO 9749232 971224

APPLICATION (CC, No, Date): EP 97927379 970617; WO 97JP2086 970617

PRIORITY (CC, No, Date): JP 96157127 960618; JP 9749436 970304

DESIGNATED STATES: AT; DE; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: H04M-015/00; H04B-007/26; H04M-001/02;  
H04Q-007/38;

CITED PATENTS (WO A): Y Y Y; Y P A; Y Y Y; Y A Y

ABSTRACT EP 901269 A1

A switching system (3) has, in addition to an ordinary accounting function, an origination-only accounting control unit 6 to monitor the number of message units used by an origination-only portable telephone (1B) identified by a terminal identification number and to deny the origination of a call by the origination-only portable telephone (1B) upon the increase of the number of used message units to a predetermined number. The origination-only accounting control unit (6) accepts the origination of a call made by the origination-only portable telephone (1B) when a prescribed input about the origination-only portable telephone (1B) is given thereto by a system operator by operating a predetermined terminal device (7) or the like after the denial of origination of a call by the origination-only portable telephone (1B).

ABSTRACT WORD COUNT: 127

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980415 A1 International application (Art. 158(1))  
Application: 990310 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 990310 A1 Date of filing of request for examination:  
981130

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9910	1182
SPEC A	(English)	9910	7760
Total word count - document A			8942
Total word count - document B			0
Total word count - documents A + B			8942

4/5/10 (Item 10 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00900845

**Animal body identifying device and body identifying system**  
**Vorrichtung und System zur Identifizierung eines tierischen Körpers**  
**Dispositif et système pour l'identification d'un corps animal**  
PATENT ASSIGNEE:

Oki Electric Industry Co., Ltd., (225692), 7-12, Toranomom 1-chome  
Minato-ku, Tokyo, (JP), (applicant designated states: DE;FR;GB;IE;IT)

INVENTOR:

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Yamakita, Osamu, c/o Oki Electric Industry Co., Ltd., 7-12, Toranomom  
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LEGAL REPRESENTATIVE:

Kirschner, Klaus Dieter, Dipl.-Phys. (6506), Patentanwalt, Sollner  
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PATENT (CC, No, Kind, Date): EP 821912 A2 980204 (Basic)  
EP 821912 A3 980408

APPLICATION (CC, No, Date): EP 97100237 970108;

PRIORITY (CC, No, Date): JP 96196397 960725

DESIGNATED STATES: DE; FR; GB; IE; IT

INTERNATIONAL PATENT CLASS: A61B-005/117

ABSTRACT EP 821912 A2

An animal body identifying device of the present invention comprises a camera for photographing an eye of an animal, a body data capturer for capturing body data for the photographed animal from an image photographed by the camera, a body data registry for pre-storing a plurality of body data and a body data collator for collating body data stored in the body data registry and body data captured by the body data capturer and identifying whether or not the photographed animal is a registered animal. An animal body identifying system of the present invention comprises a body data capturing device for photographing an eye of an animal and capturing body data for the animal and a body data collating device for collating body data obtained from the body data capturing device and pre-registered body data and determining whether or not the photographed animal is a registered animal.

ABSTRACT WORD COUNT: 148

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 020417 A2 Date of dispatch of the first examination  
report: 20020227

Application: 980204 A2 Published application (A1with Search Report  
;A2without Search Report)

Search Report: 980408 A3 Separate publication of the European or  
International search report

Examination: 980930 A2 Date of filing of request for examination:  
980729

Change: 981223 A2 Designated Contracting States (change)

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9806	576
SPEC A	(English)	9806	8769
Total word count - document A			9345
Total word count - document B			0
Total word count - documents A + B			9345

4/5/11 (Item 11 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00856512

**Ink-jet recording head**

**Tintenstrahl Laufzeichnungs-kopf**

**Tete d'enregistrement a jet d'encre**

PATENT ASSIGNEE:

SEIKO EPSON CORPORATION, (730008), 4-1, Nishi-Shinjuku 2-chome,  
Shinjuku-ku, Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 788882 A2 970813 (Basic)  
EP 788882 A3 980325  
EP 788882 B1 020717

APPLICATION (CC, No, Date): EP 97101358 970129;

PRIORITY (CC, No, Date): JP 9634337 960129; JP 9635250 960222; JP 96180107  
960620; JP 96297838 961021

DESIGNATED STATES: DE; FR; GB; IT

RELATED DIVISIONAL NUMBER(S) - PN (AN):

EP 1174265 (EP 2001125784)

EP 1174266 (EP 2001125785)

INTERNATIONAL PATENT CLASS: B41J-002/04

CITED PATENTS (EP B): EP 20984 A; EP 574016 A; EP 782924 A; US 4350989 A;  
US 5329293 A

ABSTRACT EP 788882 A2

An ink-jet recording apparatus having an ink-jet recording head (7, 8) including pressure generating chambers (49) communicatively connected to a nozzle opening (52) and a reservoir (50), pressure generating means (42) for pressurizing the pressure generating chambers (49), and control means for applying drive signals corresponding to print data to the recording head and for minutely vibrating menisci of ink in the nozzle openings to such an extent as to not eject ink droplets during a nonprint period. The control means ejects ink droplets from the nozzle openings in accordance with print data during printing operations, and minutely vibrates menisci of ink formed at the nozzle openings a preset period of time before or after the discharging of the ink droplets in a printing operation.

ABSTRACT WORD COUNT: 126

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 020102 A2 Application number of divisional application  
(Article 76) changed: 20011105  
Examination: 20000202 A2 Date of dispatch of the first examination  
report: 19991216  
Grant: 020717 B1 Granted patent  
Application: 970813 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 980325 A3 Separate publication of the European or  
International search report  
Examination: 980812 A2 Date of filing of request for examination:  
980612

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199708W2	1825
CLAIMS B	(English)	200229	479
CLAIMS B	(German)	200229	363
CLAIMS B	(French)	200229	521
SPEC A	(English)	199708W2	11658
SPEC B	(English)	200229	11407
Total word count - document A			13485
Total word count - document B			12770
Total word count - documents A + B			26255

**4/5/12 (Item 12 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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00783955

**Radio station tuning system**

**Abstimmssystem einer Funkstation**

**Systèmes de syntonisation d'une station radio électrique**

PATENT ASSIGNEE:

Toyota Jidosha Kabushiki Kaisha, (203745), 1, Toyota-cho, Toyota-shi,  
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NIPPON TELEGRAPH AND TELEPHONE CORPORATION, (686339), 19-2 Nishi-Shinjuku  
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Suzuki, Tatsuo, 227-68, Koajiro, Misaki, Miura-shi, Kanagawa-ken, 238-02,  
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Ogawa, Katsuhiko, 3-16-9, Nisi-shiba, Kanazawa-ku, Yokohama-shi,  
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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 731572 A2 960911 (Basic)  
EP 731572 A3 991013

APPLICATION (CC, No, Date): EP 96301426 960301;

PRIORITY (CC, No, Date): JP 9545219 950306

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04H-001/00; H04Q-007/22; H03J-001/00

ABSTRACT EP 731572 A2

A radio station tuning system enables a radio receiver installed in a vehicle to be automatically tuned to a radio station offering a desired program. In the system, a controller **\*\*receives\*\*** **\*\*data\*\*** recognized by a speech recognizing unit and a current position of the vehicle detected by a navigation unit, provides the data to a communication unit, turns a radio receiver on or off, and tunes the radio receiver to a desired radio station. The communication unit sends data to a base station **\*\*data\*\*** via a vehicle telephone line. **\*\*Receiving\*\*** the **\*\*data\*\***, the base station has access to its data base storing program data (e.g. broadcasting time, frequencies and so on), retrieves desired **\*\*data\*\***, and **\*\*transmits\*\*** them to the vehicle. The controller automatically tunes the radio receiver to the desired radio station on the basis of the **\*\*received\*\*** **\*\*data\*\***. (see image in original document)

ABSTRACT WORD COUNT: 165

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960911 A2 Published application (Alwith Search Report  
;A2without Search Report)

Examination: 960911 A2 Date of filing of request for examination:  
960309

Change: 971112 A2 Representative (change)

Change: 991013 A2 International Patent Classification changed:  
19990824

Search Report: 991013 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	406
SPEC A	(English)	EPAB96	2546
Total word count - document A			2952
Total word count - document B			0
Total word count - documents A + B			2952

**4/5/13 (Item 13 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

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00740338

**Processing apparatus for light-sensitive materials**

**Behandlungsgerat fur lichtempfindliche Materialien**

**Appareil de traitement pour materiaux photosensibles**

PATENT ASSIGNEE:

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Nishio, Shoji, c/o Konica Corp., 1 Sakura-machi, Hino-shi, Tokyo, (JP)

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PATENT (CC, No, Kind, Date): EP 698819 A1 960228 (Basic)

APPLICATION (CC, No, Date): EP 95113251 950823;

PRIORITY (CC, No, Date): JP 94202179 940826; JP 94234209 940901; JP  
94235482 940929

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: G03D-003/06; G03D-003/04;

ABSTRACT EP 698819 A1

An apparatus (A) for processing a light-sensitive material (1) includes a supply controlling section (103) for controlling an amount of solid processing agents (J) to be supplied per a unit time period in accordance with an amount of the light-sensitive material (1) to be processed per a unit time period. (see image in original document)  
ABSTRACT WORD COUNT: 67

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 010516 A1 Date application deemed withdrawn: 20001111  
Application: 960228 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 960424 A1 Date of filing of request for examination:  
960221  
Examination: 990407 A1 Date of despatch of first examination report:  
990219

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1342
SPEC A	(English)	EPAB96	11161
Total word count - document A			12503
Total word count - document B			0
Total word count - documents A + B			12503

4/5/14 (Item 14 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00677087

**Vibration-sensing gyro**

**Vibrationskreisel**

**Gyroscope de vibration**

PATENT ASSIGNEE:

TOYOTA JIDOSHA KABUSHIKI KAISHA, (203741), 1, Toyota-cho Toyota-shi,  
Aichi-ken, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Kurata, Nobuo, 2-83, Hamada-cho, Hekinan-shi, Aichi-ken, 447, (JP)  
Sugitani, Hobuyoshi, 8-30-14, Itsutsugaoka, Toyota-shi, Aichi-ken, 473,  
(JP)  
Ozaki, Takashi, 105, Takamiya-cho, Tenpaku-ku, Nagoya-shi, Aichi-ken, 468  
, (JP)  
Haradao, Kenji, 4-30-2, Umetsubo-cho, Toyota-shi, Aichi-ken 471, (JP)  
Tsuji, Kimitoshi, 4-4-1, Hirashiba-cho, Toyota-shi, Aichi-ken, 471, (JP)  
Nonomura, Yutaka, 2878-430, Aza Kuroishi, Oaza Hirabari, Tempaku-cho,  
Tempaku-ku, Nagaya-shi, Aichi-ken, (JP)  
Morikawa, Takeshi, 58-3, Kitayama-cho, Seto-shi, Aichi-ken, (JP)  
Okuwa, Masayuki, 84-1, Otakoyama, Narumi-cho, Midori-ku, Nagoya-shi,  
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LEGAL REPRESENTATIVE:

Pellmann, Hans-Bernd, Dipl.-Ing. et al (9227), Patentanwaltsburo  
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PATENT (CC, No, Kind, Date): EP 649002 A1 950419 (Basic)  
EP 649002 B1 980610

APPLICATION (CC, No, Date): EP 94116074 941012;

PRIORITY (CC, No, Date): JP 93281596 931015

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G01C-019/56;

ABSTRACT EP 649002 A1

A vibration-sensing gyro (10) composed of a light alloy such as duralumin includes a base (12) and a pair of tines (14,16) projecting parallel to each other from the base (12). Piezoelectric elements (20) are mounted on the root of the side faces of the first tine (14) to excite the first tine (14) along an X axis. The vibrations of the first

time (14) along the X axis are then propagated to the second time (16) to vibrate the second time (16) along the X axis. Piezoelectric elements (24) are mounted on the root of the upper and the lower faces of the second time (16) to detect vibrations of the second time (16) along an Y axis. When the second time (16) receives the Coriolis force based on an angular velocity ( $\omega$ ) around a Z axis and vibrates along the Y axis, the vibrations along the Y axis are detected as electric signals (alternating current voltages) by piezoelectric effects of the piezoelectric elements (24). (see image in original document)

ABSTRACT WORD COUNT: 173

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 950419 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 950712 A1 Date of filing of request for examination:  
950515  
Examination: 970319 A1 Date of despatch of first examination report:  
970131  
Grant: 980610 B1 Granted patent  
Oppn None: 990602 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9824	512
CLAIMS B	(German)	9824	444
CLAIMS B	(French)	9824	618
SPEC B	(English)	9824	9474
Total word count - document A			0
Total word count - document B			11048
Total word count - documents A + B			11048

4/5/15 (Item 15 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00590140

**Portable computer having dedicated register group and peripheral controller bus between system bus and peripheral controller.**

**Tragbarer Rechner mit zugeordneter Registergruppe und Peripheriesteuerbus zwischen Systembus und Peripheriesteuerung.**

**Ordinateur portable ayant un groupe de registres dedicaces et un bus par controleur peripherique entre le bus systeme et le controleur peripherique.**

PATENT ASSIGNEE:

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Kawasaki-shi, (JP), (applicant designated states: DE;FR;GB)  
TOSHIBA PERSONAL SYSTEM ENGINEERING CORPORATION, (1681130), 2-9,  
Suehiro-cho, Oome-shi, Tokyo, (JP), (applicant designated states:  
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INVENTOR:

Sakai, Makoto, c/o Intellectual Property Division, Kabushiki Kaisha  
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Ninomiya, Ryoji, c/o Intellectual Property Div., Kabushiki Kaisha  
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Nakamura, Koji, c/o Intellectual Property Division, Kabushiki Kaisha  
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Mamata, Tohru, c/o Intellectual Property Division, Kabushiki Kaisha



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Kumakawa, Masanobu, c/o Intellectual Property Div., Kabushiki Kaisha  
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LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, D-81675  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 588084 A2 940323 (Basic)  
EP 588084 A3 950705

APPLICATION (CC, No, Date): EP 93113168 930817;

PRIORITY (CC, No, Date): JP 92248327 920917; JP 92248328 920917; JP  
92248356 920917; JP 92250165 920918; JP 92255000 920924; JP 92255001  
920924; JP 92255004 920924; JP 92272471 920917; JP 92272479 920917

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):  
(EP 99116638)

INTERNATIONAL PATENT CLASS: G06F-013/12; G06F-015/16; G06F-015/02;  
G06F-013/40;

ABSTRACT EP 588084 A2

Dedicated registers are arranged in a status LCD control gate array connected to a system bus, and the dedicated registers or register group and a keyboard controller are connected through a keyboard interface bus. The keyboard controller has two ports for communicating with a CPU. The keyboard controller transfers existing commands released to an application program or the like and **transmits** normal key **data** through the system bus. The keyboard controller **transmits** hot key **data** and **transfers** a command for realizing any other special function through the keyboard interface bus and the dedicated registers.  
(see image in original document)

ABSTRACT WORD COUNT: 101

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 20000223 A2 Date application deemed withdrawn: 19990826  
Application: 940323 A2 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 940323 A2 Date of filing of request for examination:  
930914  
Change: 950329 A2 International patent classification (change)  
Change: 950329 A2 Obligatory supplementary classification  
(change)  
Search Report: 950705 A3 Separate publication of the European or  
International search report  
Examination: 990602 A2 Date of despatch of first examination report:  
990415  
Change: 991020 A2 Application number of divisional application  
(Article 76) changed: 19990902

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	3705
SPEC A	(English)	EPABF2	38113
Total word count - document A			41818
Total word count - document B			0
Total word count - documents A + B			41818

4/5/16 (Item 16 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00590139

Portable computer system.  
Tragbares Rechnersystem.  
Systeme d'ordinateur portable.

PATENT ASSIGNEE:

Kabushiki Kaisha Toshiba, (213137), 72, Horikawa-cho Saiwai-ku,  
Kawasaki-shi, (JP), (applicant designated states: DE;FR;GB)  
TOSHIBA PERSONAL SYSTEM ENGINEERING CORPORATION, (1681130), 2-9,  
Suehiro-cho, Oome-shi, Tokyo, (JP), (applicant designated states:  
DE;FR;GB)

INVENTOR:

Morisawa, Toshikazu, c/o Intellectual Prop. Div., Kabushiki Kaisha  
Toshiba, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)  
Yamaki, Masayo, c/o Intellectual Prop. Div., Kabushiki Kaisha Toshiba,  
1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)  
\*\*Tsukada\*\*, Hiroyuki, c/o Intellectual Prop. Div., Kabushiki Kaisha  
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Mamata, Tohru, c/o Intellectual Prop. Div., Kabushiki Kaisha Toshiba, 1-1  
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Kawawa, Tatsuya, c/o Intellectual Prop. Div., Kabushiki Kaisha Toshiba,  
1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, (JP)

LEGAL REPRESENTATIVE:

Henkel, Feiler, Hanzel & Partner (100401), Mohlstrasse 37, D-81675  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 588083 A2 940323 (Basic)  
EP 588083 A3 941026

APPLICATION (CC, No, Date): EP 93113167 930817;

PRIORITY (CC, No, Date): JP 92248355 920917; JP 92248357 920917; JP  
92248358 920917; JP 92248371 920917; JP 92248373 920917

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-001/00;

ABSTRACT EP 588083 A2

A portable computer system includes a keyboard (51) for inputting at  
least a password, and a main CPU (21) for controlling the system  
operation to perform a data processing. Particularly, the computer system  
further includes a password control section (26, 28, 29, 30), holding one  
or more registered passwords as being unreadable by direct access from  
the main CPU (21), for allowing the main CPU (21) to perform the data  
processing when a password identical to one of the registered passwords  
held therein is input by the keyboard (51). (see image in original  
document)

ABSTRACT WORD COUNT: 96

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 020529 A2 Date of dispatch of the first examination  
report: 20020412  
Application: 940323 A2 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 940323 A2 Date of filing of request for examination:  
930914  
Search Report: 941026 A3 Separate publication of the European or  
International search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	1761
SPEC A	(English)	EPABF2	16725
Total word count - document A			18486
Total word count - document B			0
Total word count - documents A + B			18486

4/5/17 (Item 17 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00454421

Sleep timer for audio/visual apparatus and method of sleep timer operation  
Schlummerzeitgeber fur audiovisuelle Gerate und Verfahren zum Betrieb eines  
solchen Zeitgebers  
Temporisateur de sommeil pour appareils audio/visuel et procede d'operation

**d'un tel temporisateur**

**PATENT ASSIGNEE:**

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,  
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

**INVENTOR:**

Kawabata, Yoshihiro, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Kuroiwa, Takehiko, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
\*\*Tsukada\*\*, Kazuya, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Sugiyama, Shinji, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5, Ohmori  
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Arai, Naoyuki, c/o Pioneer Electronic Corporation, Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Ishikawa, Kikuo, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)

**LEGAL REPRESENTATIVE:**

Reinhard - Skuhra - Weise & Partner (100731), Postfach 44 01 51, D-80750  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 436488 A2 910710 (Basic)  
EP 436488 A3 911023  
EP 436488 B1 951213

APPLICATION (CC, No, Date): EP 91100029 910102;

PRIORITY (CC, No, Date): JP 90287 900105

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G04G-015/00;

CITED PATENTS (EP A): US 3843929 A; GB 2023363 A

**CITED REFERENCES (EP A):**

PATENT ABSTRACTS OF JAPAN vol. 10, no. 60 (P-435)March 11, 1986  
& JP-A-60 202 384 (PIONEER )  
PATENT ABSTRACTS OF JAPAN vol. 9, no. 240 (E-345)September 26, 1985  
& JP-A-60 90 476 (SONY )  
PATENT ABSTRACTS OF JAPAN vol. 8, no. 91 (E-241)April 26, 1984  
& JP-A-59 11 029 (MATSUSHITA DENKI SANGYO );

**ABSTRACT EP 436488 A2**

A sleep timer for the source equipment of audio/visual apparatuses such  
as a cassette tape deck (1), CD player (2), AM/FM tuner (3), and video  
disk player (8) incorporates an auto sleep mode where the source  
equipment are turned off as soon as the source equipment completes its  
operation, and a conventional sleep timer mode where the source equipment  
are turned off when a predetermined length of time of a timer (6c)  
expires. (see image in original document)

ABSTRACT WORD COUNT: 80

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Oppn Rejected: 011004 B1 Date of rejection of the opposition procedure:  
20010719  
Application: 910710 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 911023 A3 Separate publication of the European or  
International search report  
Examination: 920422 A2 Date of filing of request for examination:  
920226  
Examination: 931020 A2 Date of despatch of first examination report:  
930906  
Grant: 951213 B1 Granted patent  
Oppn: 961023 B1 Opposition 01/960831 Interessengemeinschaft fur  
Rundfunkschutzrechte GmbH  
Schutzrechtsverwertung & Co. KG; Bahnstrasse  
62; D-40210 Dusseldorf; (DE)  
(Representative:)Eichstadt, Alfred, Dipl.-Ing.;  
Maryniok & Partner, Kuhbergstrasse 23; 96317  
Kronach; (DE)

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text Language Update Word Count

CLAIMS A	(English)	EPABF1	549
SPEC A	(English)	EPABF1	3138
Total word count	- document A		3687
Total word count	- document B		0
Total word count	- documents A + B		3687

4/5/18 (Item 18 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00440561

**Cordless telephone**  
**Schnurloses Telefon**  
**Telephone sans fil**

PATENT ASSIGNEE:

SONY CORPORATION, (214022), 7-35, Kitashinagawa 6-chome Shinagawa-ku,  
Tokyo, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Yamagata, Masato, c/o Sony Corporation, 7-35 Kitashinagawa 6-chome,  
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Tanaka, Yoshikazu, c/o Sony Corporation, 7-35 Kitashinagawa 6-chome,  
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Shinagawa-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 435775 A2 910703 (Basic)  
EP 435775 A3 920624  
EP 435775 B1 981209

APPLICATION (CC, No, Date): EP 90403793 901227;

PRIORITY (CC, No, Date): JP 89339232 891227; JP 89339239 891227

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04M-001/72;

CITED PATENTS (EP A): EP 354049 A; EP 354049 A; EP 265944 A; EP 265944 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 11, no. 83 (E-489)(2530) 13 March 1987  
PATENT ABSTRACTS OF JAPAN vol. 8, no. 161 (E-257)(1598) 26 July 1984  
PATENT ABSTRACTS OF JAPAN vol. 12, no. 217 (E-624)(3064) 21 June 1988  
PATENT ABSTRACTS OF JAPAN vol. 12, no. 440 (E-684)(3287) 18 November 1988  
PATENT ABSTRACTS OF JAPAN vol. 13, no. 16 (E-703)(3364) 13 January 1989;

ABSTRACT EP 435775 A2

The present invention relates to a cordless telephone (1, 2). In this  
cordless telephone, when a hold mode (i.e. during telephone conversation,  
the connected state of a telephone network line (3) is maintained by  
depressing a hold key (133) in order to interrupt the telephone  
conversation with the other party and a melody sound is transmitted to  
the called phone during the hold mode) is continued during a  
predetermined period, a remote station (1) (i.e. handset unit) is  
released from the hold mode by executing predetermined processings and  
the remote station is placed in the standby mode, thereby saving the  
consumption of power of a battery (151) incorporated in the remote  
station. (see image in original document)

ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910703 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Search Report: 920624 A3 Separate publication of the European or  
International search report  
Examination: 921202 A2 Date of filing of request for examination:  
921005  
Examination: 941123 A2 Date of despatch of first examination report:  
941010  
Grant: 981209 B1 Granted patent  
Oppn None: 991201 B1 No opposition filed: 19990910

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9850	951
CLAIMS B	(German)	9850	796
CLAIMS B	(French)	9850	1096
SPEC B	(English)	9850	11979
Total word count - document A			0
Total word count - document B			14822
Total word count - documents A + B			14822

4/5/19 (Item 19 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00427743

**Intelligent timer.**

**Intelligente Schaltuhr.**

**Programmateur intelligent.**

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,  
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Sugiyama, Shinji, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Kawabata, Yoshihiro, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Kuroiwa, Takehiko, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Arai, Naoyuki, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Ishikawa, Kikuo, c/o Pioneer Electronic Corp., Ohmori Kojo, 15-5, Ohmori  
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LEGAL REPRESENTATIVE:

Reinhard, Skuhra, Weise (100731), Friedrichstrasse 31, W-8000 Munchen 40,  
(DE)

PATENT (CC, No, Kind, Date): EP 436223 A2 910710 (Basic)  
EP 436223 A3 920318

APPLICATION (CC, No, Date): EP 90125604 901227;

PRIORITY (CC, No, Date): JP 90286 900105

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G05B-019/10;

CITED PATENTS (EP A): DE 3237360 A; EP 217600 A

ABSTRACT EP 436223 A2

A timer with which a time required for setting is reduced and no error in setting takes place. The timer is provided for an acoustic system which includes several audio sources and comprises timer setting means for effecting setting of a timer program therethrough, functioning condition detecting means for detecting functioning conditions of the audio sources, memory means for storing functioning conditions of a selected one of the audio sources therein, and controlling means for causing the memory means to selectively store therein functioning conditions of a particular one of the audio sources which is in an operative condition when setting of the timer is started by way of the timer setting means as functioning conditions in which the particular one audio source should be upon operation of the timer. (see image in original document)

ABSTRACT WORD COUNT: 137

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910710 A2 Published application (A1with Search Report  
;A2without Search Report)

Search Report: 920318 A3 Separate publication of the European or  
International search report

Examination: 920819 A2 Date of filing of request for examination:  
920610  
Withdrawal: 941228 A2 Date on which the European patent application  
was deemed to be withdrawn: 940701  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS A (English) EPABF1 716  
SPEC A (English) EPABF1 2443  
Total word count - document A 3159  
Total word count - document B 0  
Total word count - documents A + B 3159

4/5/20 (Item 20 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00424304

**Method for controlling audio-visual equipment and apparatus therefor.**  
**Verfahren zur Steuerung von audiovisueller Apparatur und Gerat dafur.**  
**Methode de commande d'equipement audio-visuel et appareil associe.**

PATENT ASSIGNEE:

PIONEER ELECTRONIC CORPORATION, (537920), No. 4-1, Meguro 1-chome,  
Meguro-ku Tokyo 153, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Sugiyama, Shinji, c/o Pioneer Electric Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Kawabata, Yoshihiro, c/o Pioneer Electric Corp., Ohmori Kojo, 15-5,  
Ohmori Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Kuroiwa, Takehiko, c/o Pioneer Electric Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Arai, Naoyuku, c/o Pioneer Electric Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)  
Ishikawa, Kikuo, c/o Pioneer Electric Corp., Ohmori Kojo, 15-5, Ohmori  
Nishi 4-chome, Ohta-ku, Tokyo 143, (JP)

LEGAL REPRESENTATIVE:

Reinhard, Skuhra, Weise (100731), Friedrichstrasse 31, W-8000 Munchen 40,  
(DE)

PATENT (CC, No, Kind, Date): EP 436100 A2 910710 (Basic)  
EP 436100 A3 920520

APPLICATION (CC, No, Date): EP 90122083 901119;

PRIORITY (CC, No, Date): JP 90285 900105

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04R-003/00; H04S-007/00;

CITED PATENTS (EP A): JP 63086907 A; GB 2054994 A; WO 8606897 A; US 4405836  
A

ABSTRACT EP 436100 A2

A method of and apparatus for controlling audio-visual equipment having  
a plurality of program sources. The method comprises the step of  
operating one of a plurality of preset keys. Each of the preset keys is  
associated with the storage of mode information about one audio-visual  
program source, mode information about a preamplifier, information about  
sound volume and other relevant audio-visual information. Selectively  
operating one preset key applies power to the equipment and causes it to  
function in accordance with the stored information associated with the  
key. (see image in original document)

ABSTRACT WORD COUNT: 93

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 910710 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 920520 A3 Separate publication of the European or  
International search report  
Examination: 921202 A2 Date of filing of request for examination:

921001

Examination: 940209 A2 Date of despatch of first examination report:  
931222

Withdrawal: 941026 A2 Date on which the European patent application  
was deemed to be withdrawn: 940505

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	622
SPEC A	(English)	EPABF1	1727
Total word count - document A			2349
Total word count - document B			0
Total word count - documents A + B			2349

4/5/21 (Item 21 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00400257

**Standing-wave type ultrasonic motor**

**Ultraschallmotor mit stehender Welle**

**Moteur ultrasonore a onde stationnaire**

PATENT ASSIGNEE:

SEIKO INSTRUMENTS INC., (839490), 31-1, Kameido 6-chome Koto-ku, Tokyo  
136, (JP), (applicant designated states: CH;DE;GB;LI)

INVENTOR:

Kasuga, Masao c/o Seiko Instruments Inc., 31-1, Kameido, 6-chome, Koto-ku  
, Tokyo, (JP)

\*\*Tsukada\*\*, Nobuo c/o Seiko Instruments Inc., 31-1, Kameido, 6-chome,  
Koto-ku, Tokyo, (JP)

Kitamura, Hiroshi c/o Seiko Instruments Inc., 31-1, Kameido, 6-chome,  
Koto-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Miller, Joseph et al (33871), J. MILLER & CO. 34 Bedford Row, Holborn,  
London WC1R 4JH, (GB)

PATENT (CC, No, Kind, Date): EP 395298 A2 901031 (Basic)  
EP 395298 A3 910313  
EP 395298 B1 960327

APPLICATION (CC, No, Date): EP 90304190 900419;

PRIORITY (CC, No, Date): JP 89110450 890428

DESIGNATED STATES: CH; DE; GB; LI

INTERNATIONAL PATENT CLASS: H01L-041/09;

CITED PATENTS (EP A): EP 169297 A; GB 2196190 A; DE 3626389 A

CITED REFERENCES (EP A):

JAPANESE JOURNAL OF APPLIED PHYSICS, SUPPLEMENTS. vol. 28-1, March 1989,  
TOKYO JA pages 3 - 6; S.Ueha: "Present state of the art of ultrasonic  
motor"

JAPANESE JOURNAL OF APPLIED PHYSICS, SUPPLEMENTS. vol. 26-1, 1987, TOKYO  
JA pages 191 - 193; T.Iijima et al.: "Ultrasonic motor using flexural  
standing wave"

JAPANESE JOURNAL OF APPLIED PHYSICS, SUPPLEMENTS. vol. 27-1, March 1988,  
TOKYO JA pages 192 - 194; T.Takano et al.: "Ultrasonic motors using  
piezoelectric ceramic multimode vibrators"

JAPANESE JOURNAL OF APPLIED PHYSICS, SUPPLEMENTS. vol. 27-1, March 1988,  
TOKYO JA pages 195 - 197; Y.Tomikawa: "Construction of ultrasonic  
motors and their application"

PATENT ABSTRACTS OF JAPAN vol. 12, no. 494 (P-805) 23 December 1988,  
& JP-A-63 205591 (SEIKO) 25 August 1988,

PATENT ABSTRACTS OF JAPAN vol. 11, no. 293 (P-619) 22 September 1987,  
& JP-A-62 088986 (SEIKO) 23 April 1987,;

ABSTRACT EP 395298 A2

A standing-wave type ultrasonic motor comprising a vibration member (1)  
having projections (1a) which are in drive-transmitting contact with at  
least one movable member (6); support means (16) for supporting the  
vibration member (1); and at least one piezo-electric element (2) or  
electrostrictive element arranged to generate a flexible standing-wave in  
the vibration member (1) so as to drive the at least one movable member

(6) characterised in that the projections (1a) are provided at intermediate positions between the loops and the nodes of the flexible standing-wave.

ABSTRACT WORD COUNT: 91

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 901031 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 910313 A3 Separate publication of the European or  
International search report  
Examination: 910731 A2 Date of filing of request for examination:  
910605  
Examination: 931006 A2 Date of despatch of first examination report:  
930820  
Grant: 960327 B1 Granted patent  
Oppn None: 970319 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	911
CLAIMS B	(English)	EPAB96	400
CLAIMS B	(German)	EPAB96	350
CLAIMS B	(French)	EPAB96	415
SPEC A	(English)	EPABF1	5978
SPEC B	(English)	EPAB96	6085
Total word count - document A			6889
Total word count - document B			7250
Total word count - documents A + B			14139

4/5/22 (Item 22 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00364245

Method and apparatus for initializing intermediate region between tracks on magnetooptical recording medium.

Verfahren und Vorrichtung zur Initialisierung eines Gebietes, das zwischen den Spuren eines magneto-optischen Aufzeichnungsmediums liegt.

Methode et appareil pour l'initialisation d'une region entre les pistes d'un milieu d'enregistrement magneto-optique.

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PATENT (CC, No, Kind, Date): EP 339875 A2 891102 (Basic)  
EP 339875 A3 900718  
EP 339875 B1 940119

APPLICATION (CC, No, Date): EP 89303971 890421;

PRIORITY (CC, No, Date): JP 88101253 880426; JP 88102746 880427; JP 88159305 880629

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G11B-011/10;

CITED PATENTS (EP A): US 4472748 A; US 4706232 A; EP 252445 A; US 4410969 A

CITED REFERENCES (EP A):

PATENT ABSTRACTS OF JAPAN vol. 12, no. 23 (P-658) (2870) 23 January 1988,  
& JP-A-62 175950 (NEC CORP) 01 August 1987,;

ABSTRACT EP 339875 A2

In a method for initializing a magnetooptical recording medium on which tracks onto which information is recorded are formed in parallel and



which has intermediate regions among the tracks, wherein this method comprises the steps of: scanning the track by a laser beam while applying a magnetic field in a predetermined direction, thereby aligning magnetizing directions of the track; and scanning the intermediate region by the laser beam while applying a magnetic field in a predetermined direction, thereby aligning the magnetizing directions of the intermediate region.

ABSTRACT WORD COUNT: 90

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 891102 A2 Published application (Alwith Search Report  
;A2without Search Report)

Search Report: 900718 A3 Separate publication of the European or  
International search report

Examination: 910206 A2 Date of filing of request for examination:  
901210

Examination: 921111 A2 Date of despatch of first examination report:  
920930

Grant: 940119 B1 Granted patent

Oppn None: 950111 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	486
CLAIMS B	(German)	EPBBF1	436
CLAIMS B	(French)	EPBBF1	524
SPEC B	(English)	EPBBF1	2927
Total word count - document A			0
Total word count - document B			4373
Total word count - documents A + B			4373

4/5/23 (Item 23 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00263655

**Method and image processing system for reconstruction of an image.**

**Bildverarbeitungsverfahren und -system zur Bildrekonstruktion.**

**Methode et systeme de traitement d'image pour la reconstruction d'une image.**

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PATENT (CC, No, Kind, Date): EP 269993 A2 880608 (Basic)  
EP 269993 A3 900725  
EP 269993 B1 940216

APPLICATION (CC, No, Date): EP 87117407 871125;

PRIORITY (CC, No, Date): JP 86286351 861201; JP 86286352 861201; JP  
87217419 870831

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-015/68;

CITED PATENTS (EP A): EP 179203 A

ABSTRACT EP 269993 A2

A method and image processing system for reconstruction of an input image. The method for reconstruction of an input image includes a step of inputting image data (for example, densities) of at least two pixels

nearest to a position of an additional pixel to be added to the input image and those of neighbor pixels located on extension lines of segments drawn between the position of the additional pixel and that of each of the nearest pixels of which the image data were inputted and a step of estimating the value of the image data of the additional pixel on the basis of the inputted image data of at least two pair of the nearest and corresponding neighbor pixels by using an improved and simple algorithm which is newly proposed hereon and called "linear extrapolation and average method". Further, the improved image processing system for performing the above described method for reconstruction of an input image includes an input portion having a first memory for selecting a desired image from a source of image signals, for effecting A/D conversion of the image signals of the selected image and for storing the A/D converted image in the first memory, an image enhancement portion having a second memory for reading the image data of the pixels of the input image stored in the first memory, for performing image enhancement processes of the input image and for storing the enhanced image in the second memory, a reconstruction processing portion having a reconstruction processing circuit and a third memory for reading the image data of the pixels stored in the second memory and for evaluating image data of additional pixels from the read-out image data by using the "linear extrapolation and average method" in the reconstruction processing circuit and for storing the reconstructed image in the third memory and an output portion for outputting the reconstructed image stored in the third memory.

ABSTRACT WORD COUNT: 322

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880608 A2 Published application (Alwith Search Report ;A2without Search Report)  
 Search Report: 900725 A3 Separate publication of the European or International search report  
 Examination: 910227 A2 Date of filing of request for examination: 901219  
 Examination: 921021 A2 Date of despatch of first examination report: 920909  
 \*Assignee: 940112 A2 Applicant (transfer of rights) (change): SAKA INX CORPORATION (923472) Minamimorimachi Chuo Building 2-6-2, Higashi-tenma Kita-ku Osaka-shi Osaka (JP) (applicant designated states: DE;FR;GB)  
 Grant: 940216 B1 Granted patent  
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FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	976
CLAIMS B	(German)	EPBBF1	891
CLAIMS B	(French)	EPBBF1	914
SPEC B	(English)	EPBBF1	6626
Total word count - document A			0
Total word count - document B			9407
Total word count - documents A + B			9407